JAR-856-1910

14 April 1967

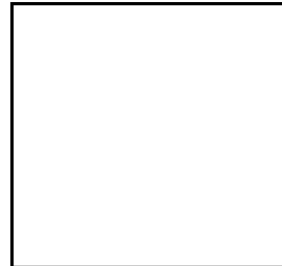STAT

TO: [   ]

SUBJECT: Change Proposal DNP-29

The change proposed has been approved subject to the following conditions:

STAT

1. We will use the CP for record purposes only. In a telephone conversation with [   ] on 14 April, he indicated he has asked you to procure 24 each hoses for retrofit at [   ]   STAT
This is the amount they require.

2. The CP should have stated that the fittings would be made from bar stock since forgings would not be practical due to the schedule that must be met.

3. Bruce B. directed that we submit no formal change notices. This letter and CP signed by me can be distributed for informational purposes.

STAT

JAR:mm

Enclosures

STAT   cc: [   ]

COMPANY NAME

DSN

X

SERIAL NO. **DNP-29**

STAT

DATE **2/27/67**   APPROVED   DISAPPROVED **X**

NAME OF MAJOR COMPONENT | NAME OF SUBASSEMBLY | PART NO. OR DWG. NO.
Hose Ass'y., Personal Lead | Fitting Ass'y. | DN 22300-1, -3

TITLE OF PROPOSAL   Replacement of all personal lead hose assemblies with
solid one-piece fitting.

NATURE OF PROPOSAL   Replacement of personal lead assemblies, P/N DN 22300-1 & -3 with
P/N DN 22300-7 & -9. The new hose assemblies will be provided
with a fitting made out of bar stock or forging material to replace the
existing three-piece brazed assembly. Also, the emergency oxygen
probe will be strengthened, increasing the wall thickness where it
enters the new hose fitting.

REASON FOR PROPOSAL   Test performed by ADP, as presented in Report No. SP-1164
dated Feb. 3, 1967, indicates a much greater relative strength
obtained with the solid, single-piece fitting, as opposed to the
current three-piece brazed fittings. Tests performed simulated
conditions experienced in emergency conditions wherein the brazed
fitting sustained considerable damage.

ES   ESTIMATED COST AND TIME INVOLVED:
ADDITIONAL FUNDING REQUIRED: Not applicable

CP   ESTIMATED COST REDUCTION OR SAVINGS:
ADDITIONAL FUNDING REQUIRED: See Cost Analysis Sheets attached   (24/ ea)

ITEMS AFFECTED BY PROPOSAL: DN 22300-1 & -3, Personal Lead Hose Assemblies

SAFETY	PHYSICAL PERFORMANCE	PERFORM ANCE	OPERATING PROCEDURE	INTER- CHANGE- ABILITY	WEIGHT AND BALANCE	LOGISTIC SUPPORT	MAINT- ENANCE SCHEDULE	SERVICE TIME	FLIGHT MANUAL	MAINT- ENANCE MANUAL
X										X

BEST WAY TO ACCOMPLISH CHANGE IN FIELD   Not applicable

CONTENTS OF PARTS MOD KIT   AVAILABILITY (13)   OF PRESENT PROPOSAL

DISPOSITION OF PARTS REMOVED: Scrap P/N DN 22300-1 & -3

STAT

XXXX
XXXXXX

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